

REMARKS

The remaining claim is claim 19.

Claim 19 was rejected under 35 U.S.C. 103(a) as made obvious by the combination of Liu et al. U.S. Patent Application Publication No. 2004/0064809 and Adolphson et al U.S. Patent Application Publication No. 2005/0010912.

Claim 19 recites subject matter not made obvious by the combination of Liu et al and Adolphson. Claim 19 recites that the step of linking the object file includes "providing intermediate code to be optimized including providing only portions of the intermediate code." Thus claim 19 clearly recites this operation as part of the recited linking the object file step. The OFFICE ACTION cites selective option 206 and intermediate representative module 204 of paragraph [0040] of Adolphson as making obvious this subject matter. Paragraph [0040] of Adolphson et al states:

"[0040] In accordance with the preferred embodiment, selective optimization data 206 is gathered during various activities as part of the development process. Selective optimization data preferably includes both debug activity data 207 and execution profile data 208. Selective optimization data 206 is used by back-end compiler 215 to determine whether and to what extent to optimize different component portions of intermediate representation module 204."

This states that the taught selective optimization is controlled by back-end compiler 215 and not by the linker as recited in claim 19. The only occurrence of "link," "links," "linker" or "linking" appearing in Adolphson et al are as follows: paragraph [0029], lines 13 to 21:

"Although memory bus 103 is shown in FIG. 1 as a relatively simple, single bus structure providing a direct communication path among CPU 101, main memory 102 and I/O bus interface 105, in fact memory bus 103 may comprise multiple different buses

or communication paths, which may be arranged in any of various forms, such as point-to-point links in hierarchical, star or web configurations, multiple hierarchical buses, parallel and redundant paths, etc."

and paragraph [0079], lines 18 to 24:

"Examples of signal-bearing media include, but are not limited to, recordable type media such as volatile and non-volatile memory devices, floppy disks, hard-disk drives, CD-ROM's, DVD's, magnetic tape, and transmission-type media such as digital and analog communications links, including wireless communications links."

These portions of Adolphson et al clearly teach communication and not the generation "executable code from the object file" as required by claim 19. Liu et al discloses linker 108 generating executable code from an object file but fails to disclose linker 108 performs the operation "providing intermediate code to be optimized including providing only portions of the intermediate code" recited in claim 19. Accordingly, claim 19 is allowable over the combination of Liu et al and Adolphson et al.

The Applicants respectfully submit that all the present claims are allowable for the reasons set forth above. Therefore early reconsideration and advance to issue are respectfully requested.

If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicants' attorney at the below listed telephone number and address to facilitate prosecution.

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Respectfully submitted,

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